

Title (en)

APPARATUS, ARRANGEMENT, METHOD AND COMPUTER PROGRAM PRODUCT FOR DIGITAL VIDEO PROCESSING

Title (de)

VORRICHTUNG, ANORDNUNG, VERFAHREN UND RECHNERPROGRAMMPRODUKT ZUR DIGITALEN VIDEOVERARBEITUNG

Title (fr)

APPAREIL, AGENCEMENT, PROCÉDÉ ET PRODUIT DE PROGRAMME INFORMATIQUE POUR UN TRAITEMENT VIDÉO NUMÉRIQUE

Publication

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Application

**EP 06743565 A 20060530**

Priority

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Abstract (en)

[origin: WO2007138151A1] An apparatus, an arrangement, a method and a computer program product for digital video processing are disclosed. A digital video processing apparatus includes a processor (100) to provide processing resources, a video encoder (102) utilizing the processing resources to encode a digital video, a usage meter (104) to measure repeatedly a usage level of the processing resources during the running of the video encoder (102), and an optimizer (106) to direct (108) repeatedly the video encoder (102) to utilize the processing resources adaptively so that the usage level reaches a predetermined level.

IPC 8 full level

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Citation (search report)

- [X] EP 1503595 A2 20050202 - SEIKO EPSON CORP [JP]
- [X] US 6535238 B1 20030318 - KRESSIN MARK SCOTT [US]
- [X] WO 03063506 A1 20030731 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X] WO 2004030369 A1 20040408 - VANGUARD SOFTWARE SOLUTIONS IN [US]
- [A] RICHARDSON I E G ET AL: "Video codec complexity management", INTERNET CITATION, 30 April 2001 (2001-04-30), XP002309519, Retrieved from the Internet <URL:http://citeseer.ist.psu.edu> [retrieved on 20041207]
- See references of WO 2007138151A1

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